

Maine Weekly Influenza Surveillance Report

March 1, 2011



For MMWR week 8 (ending 02/26/11)

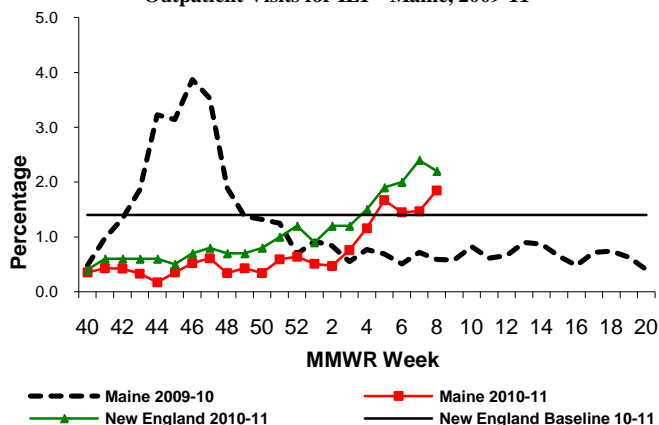
New This Week

- Federal Flu Code: Widespread
- 3 new outbreaks of influenza, all in long term care facilities

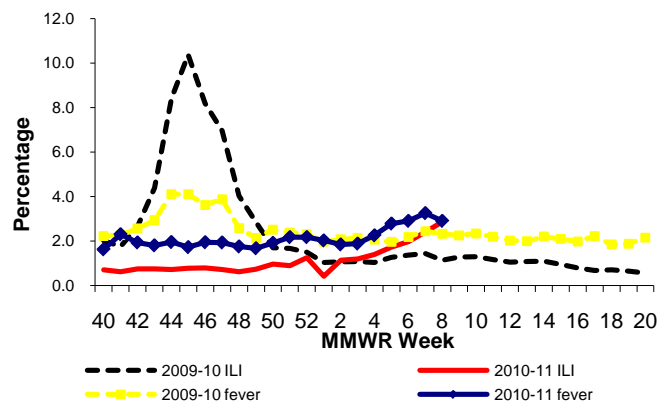
Surveillance Information – Maine, 2010-2011 Influenza Season

- Number of ILINet Providers reporting: 21
 - % of visits for Influenza-Like Illness (ILI): 1.85
- Number of Emergency Departments participating: 24
 - % of visits for ILI: 2.86
 - % of visits for fever: 2.90
- Number of Hospitals reporting: 3
 - % of admissions due to Pneumonia & Influenza (P&I): 11.5
- Number of Vital Statistics Office Reporting: 1
 - % of deaths due to P&I: 12.2

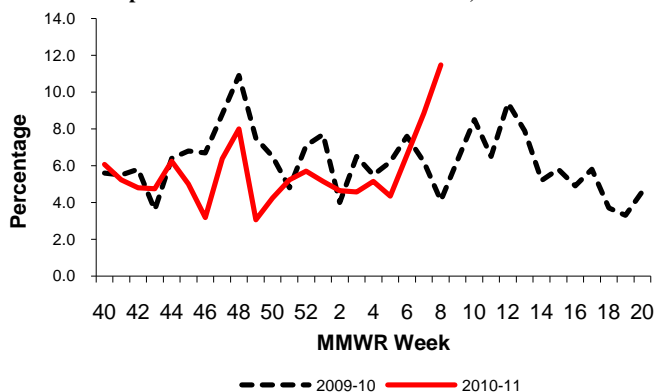
Outpatient Visits for ILI – Maine, 2009-11



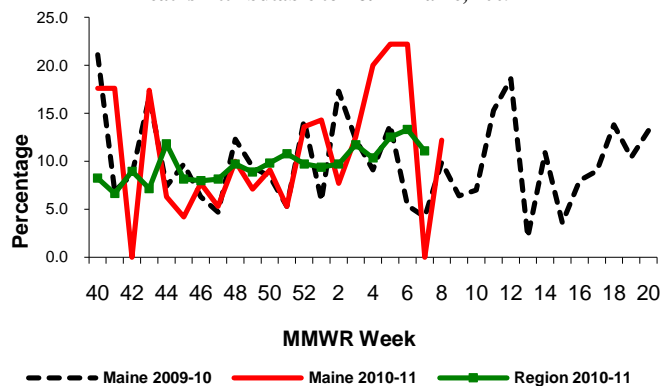
Emergency Department Visits for ILI and Fever – Maine, 2009 -11



Hospital Admissions Due to P&I – Maine, 2009-2011

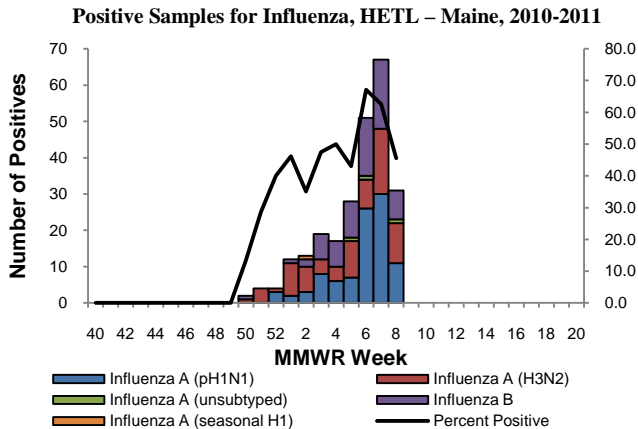


Deaths Attributable to P&I – Maine, 2009-11

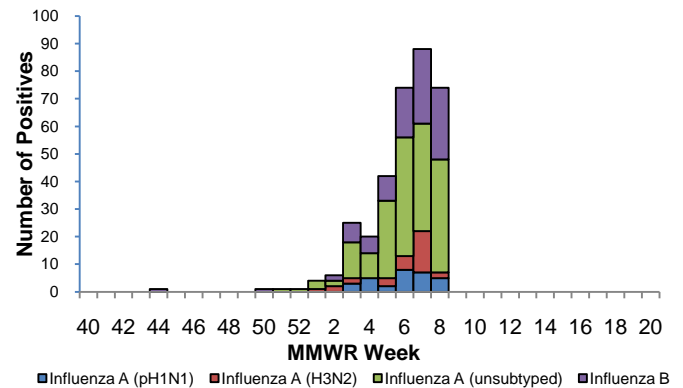


Lab Data – Maine, 2010-2011 Influenza Season

- # of samples tested at HETL: 68
 - # positive: 31
 - % positive: 45.6
- # of samples positive at Maine Reference Labs: 67
- # of samples positive at National Reference Labs: 7
- # of samples positive by rapid antigen test: 37



Positive Samples for Influenza, Maine and National Reference Labs – Maine, 2010-2011



Antiviral Resistance – Maine, 2010-11 Influenza Season

- # of Influenza A (pH1N1) samples tested for Tamiflu resistance at HETL: 82
- # with resistance: 1

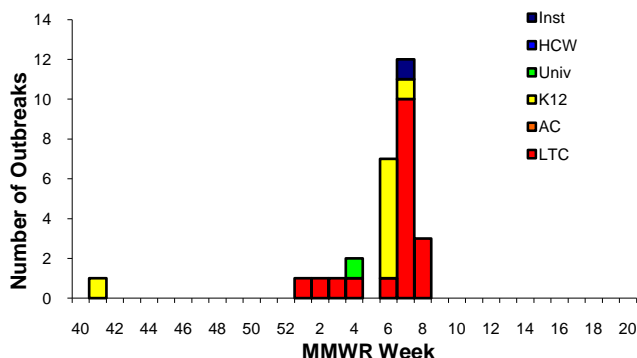
Antigenic Characterization (Vaccine Match)

- Federal CDC has antigenically characterized 809 influenza viruses since 10/1/2010. Of these 99.2% of influenza A/pH1N1 samples match the vaccine, 98.8% of influenza A/H3 samples match the vaccine, and 94.7% of influenza B samples match the vaccine.

Influenza-Like Illness Outbreaks – Maine, 2010-11 Influenza Season

- # new outbreaks: 3

Influenza-Like Illness Outbreaks by Facility Type - Maine, 2010-11



Outbreak Facility Type Key:

LTC - Long Term Care Facility
 AC - Acute Care Facility (nosocomial)
 K12 - School (K-12) or daycare
 Univ - School (residential) or University
 HCW - Health care workers
 Inst - Other institutions (workplaces, correctional facilities etc)

National Influenza Surveillance Data

Source: <http://www.cdc.gov/flu/weekly/>

Influenza-Like Illness (ILI) Activity Level Indicator Determined by Data Reported to ILInet 2010-11 Influenza Season Week 7 ending Feb 19, 2011

